

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/574730  
Source: 1 FWP  
Date Processed by STIC: 2/8/07

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IFWP

## RAW SEQUENCE LISTING

DATE: 02/08/2007

PATENT APPLICATION: US/10/574,730

TIME: 11:40:15

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 4 CHEN, YI-YWAN MARGARET  
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 8 <130> FILE REFERENCE: 5853-454-1  
 10 <140> CURRENT APPLICATION NUMBER: 10/574,730  
 11 <141> CURRENT FILING DATE: 2006-04-06  
 13 <150> PRIOR APPLICATION NUMBER: PCT/US2004/033214  
 14 <151> PRIOR FILING DATE: 2004-10-07  
 16 <150> PRIOR APPLICATION NUMBER: 60/509,175  
 17 <151> PRIOR FILING DATE: 2003-10-07  
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*see p. 6*

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396	cggttacgt	ttgattaaga	tccgcggaag	tgaattgggt	cgcggtcgtg	gtggacctcg	2340
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400	taatagatag	aaagaggaaa	taaaagaatg	acaaattcag	tattccaagg	acgtagcttc	2460
402	cttgcagaaa	aagactttac	ccgtgcagag	ttagaatacc	ttattgggtc	ttcagctcac	2520
404	ttgaaagatt	tgaaaaaacg	taacattgag	caccgttacc	ttgctggtaa	aaatatcgct	2580
406	ctcttgtttg	aaaaaacatc	tactcgtacg	cgtgcagcct	ttactacagc	agctatcgac	2640
408	cttggcgcac	atccagaata	tcttgggtgt	aatgatattc	agcttggtaa	aaaggaatca	2700
410	actgaagata	cagctaaagt	tttggggcgt	atgtttgatg	gtattgaatt	ccgtgggttc	2760
412	agccaacgta	tggttgaaga	attggcagaa	ttctcaggtg	ttccagtttg	gaatggtttg	2820
414	actgacgaat	ggcaccacac	tcaaattgta	gctgactact	tgacagttca	agaaaacttt	2880
416	ggtcgcttag	aaggcttgac	attgggtatac	tgtgggtgacg	gacgtaacaa	cgttgctaata	2940
418	agcttactag	tgactgggtgc	aattccttgg	gttaattgttc	acatcttctc	tccaaaagaa	3000
420	ctcttcccag	aacaagaaat	tgttgaattg	gcagaaggat	ttgcgaaaga	aagtggcgct	3060
422	cacatcttaa	tactgaaga	tgctgacgaa	gctgtgaaag	gtgctgatgt	actttacact	3120
424	gacgtttggg	tatcaatggg	tgaagaagac	aaatttgcag	aacgtgttgc	tcttttgaaa	3180
426	ccataccaag	taaacatgga	tttggtttaag	aaagctgata	acgaagactt	gatcttcttg	3240
428	cactgcttgc	ctgctttcca	cgacacaaat	actgtttatg	gtaaggatgt	tgctgaaaaa	3300
430	tttggcgtag	aagaaatgga	agtaactgac	gaagtattcc	gcagtaataa	tgctcgatcat	3360
432	ttcgaccaag	cagaaaaccg	tatgcataca	attaaagcag	ttatggctgc	aacttttaggt	3420
434	aatctttaca	ttccaaaagt	ataaccttaa	aaacaattaa	actgtaatac	caacagctat	3480
436	gagggctgcg	actaatagct	ttagtccgcc	ctcattttta	atagtcaaac	agtttgtctt	3540
438	tctaaattga	aaaataaact	ggaggacatt	attgtaattca	aaattaaaac	gcatttactt	3600
440	tgcgttgaag	gagaattata	tggcaaatcg	taaaatcggt	gtagccttgg	gaggaaatgc	3660
442	catcctttca	tctgatccgt	cagcaaaagc	ccagcaggaa	gccctagttg	aaactgctaa	3720
444	gcatttgggtg	aaactgatta	aaaatggaga	tgaccttata	attactcacg	ggaatgggtcc	3780
446	tcaagtagga	aatctcttgt	tacaacattt	agcagctgat	tctgaaaaga	atcctgcttt	3840
448	tccactcgac	tctctcgtag	ccatgacaga	aggaagcatt	ggctactggg	tgcaaaatgc	3900
450	tttgcaaaac	gctctcttgg	atgaagggaat	tgacaaaaac	gttgcttcag	ttgtaacaca	3960
452	agtgggttga	gataagaacg	accagctttt	tgtaaacctc	agcaaaccaa	tccgaccttt	4020
454	ctattcagaa	gaagaagcaa	aagcagaagc	tgagaagagc	ggagcaactt	tcaaagaaga	4080
456	cgctggacgt	ggctggcgta	aagtcggttgc	ttcaccaaaa	ccggttgaca	ttaaggaaat	4140
458	cgacacaatt	cgtactcttt	taaatgacgg	ccaagtagtt	gtagctgctg	gtgggtggcgg	4200
460	tattcctgtc	attaaggaag	ataacggtca	tctttcagga	gttgaagctg	ttatcgataa	4260
462	agactttgca	tctcaacggt	tggtgaggtt	agttgaagct	gacctcttca	tcgtgttgac	4320
464	aggagtagac	tatgtctttg	taaattacaa	taaacctgat	caagaaaaat	tagaacatgt	4380
466	taatgttgct	cagttggaag	aatatatcaa	acaagatcaa	tttgcctccag	gaagtatgct	4440
468	tccaaaagtt	gaagcagcta	ttgctttcgt	taacggctcgt	ccagagggtta	aagcggttat	4500

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/574,730

DATE: 02/08/2007  
TIME: 11:40:17

Input Set : A:\5853-454.txt  
Output Set: N:\CRF4\02082007\J574730.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 1336,1353,1392,1450,1698,1734

Seq#:19; N Pos. 3,10,14

Seq#:20; N Pos. 6,18

Seq#:22; N Pos. 7

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/574,730

DATE: 02/08/2007

TIME: 11:40:17

Input Set : A:\5853-454.txt

Output Set: N:\CRF4\02082007\J574730.raw

L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:1320

M:341 Repeated in SeqNo=3

L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0

L:1342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0

L:1366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0